

US EPA ARCHIVE DOCUMENT

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1-EEB-11B
11/25/98

MRID No. 446327-01

DATA EVALUATION RECORD
§ 72-1 - ACUTE LC₅₀ TEST WITH A COLDWATER FISH

1. **CHEMICAL:** Acetochlor ethane PC Code No.: 121601
 sulfonic acid (acetochlor metabolite)

2. **TEST MATERIAL:** R290131 Purity: 97%

3. **CITATION:**

Authors: S.J. Kent and N. Shillabeer
Title: R290131: Acute Toxicity to Rainbow Trout
 (*Oncorhynchus mykiss*)

Study Completion Date: June 25, 1997

Laboratory: Brixham Environmental Laboratory,
 Brixham, Devon, UK

Sponsor: ZENECA Ag Products, Wilmington, DE

Laboratory Project ID: BL5970/B

MRID No.: 446327-01

DP Barcode: D249066

4. **REVIEWED BY:** Mark Mossler, M.S., Toxicologist,
 Golder Associates Inc.

Signature:

Mark Mossler

Date: 11/25/98

APPROVED BY: Pim Kosalwat, Ph.D., Senior Scientist,
 Golder Associates Inc.

Signature:

P. Kosalwat

Date: 11/25/98

5. **APPROVED BY:**

Signature:

Date:

6. **STUDY PARAMETERS:**

Age or Size of Test Organism: 44 mm
Definitive Test Duration: 96 hours
Study Method: Static
Type of Concentrations: Mean measured

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7. **CONCLUSIONS:** This study is scientifically sound and fulfills the guideline requirements. The 96-hour LC₅₀ for rainbow trout exposed to R290131 was determined to be >180 ppm, which classifies the test material as practically non-toxic to the rainbow trout.

Results Synopsis:

LC₅₀: >180 ppm

95% C.I.: N/A

NOEC: 180 ppm

Probit Slope: N/A



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